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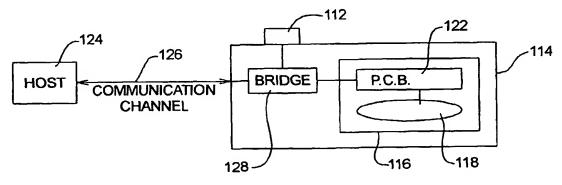
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ONE BUTTON EXTERNAL BACKUP



(57) Abstract: A, preferably external, storage device (114) is provided with a button (112) or other user input which, when activated causes a launch of an application such as a backup of data from the host device (124) onto the external storage device (114). Preferably, the external storage device (114) includes a hard disk drive (116). Communication with the host device (124) can be made using USB, IEEE 1394, Ethernet, wireless links or other links (126). The external device (114) is configured to allow the host (124) to become aware of a button press, e.g., by a notification or interrupt technique, or by a polling technique.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/27853

A. CLASSIFICATION OF SUBJECT MATTER			
IPC(7) : G 06 F 3/00; G 06 F 12/00 US CL : 710/2,5,46,48; 711/4			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols)			
U.S. : 710/2,5,46,48; 711/4			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Documentation scaled only than minimum accommendation to the extent data attitudencies are included in the Hells Scaled			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
IEEE database			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where a		Relevant to claim No.
X	JP 03-232012 (NEC CORP.) 16 October 1991 (16.10.91), enitre abstract		1,7
Y			2-6,8-37
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Y,P	US 6,560,099 B1 (CHANG) 06 May 2003 (06.05.20	2-6,9-11,14,15,18-	
	lines 1-67; column 4, lines 1-30.	25,29,30	
Y,P	US 6,611,850 B1 (SHEN) 26 August 2003 (26.08.2003), column 3, lines 6-67; column 4 8,12,13,16,17,2 lines 1-49.		
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25 February 2004 (25.02.2004) <b>0.5</b> MAR 2004			
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